



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES  
STATE PUBLIC HEALTH LABORATORY  
ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

RECEIVED

By Carol Day at 12:44 pm, Jul 01, 2013 97

Complete this report in duplicate at the time of the regular monthly preventative maintenance check, and whenever instrument is repaired. Send copy to Department of Health and Senior Services; retain original in department file.

ALCO SENSOR IV SN <u>097402</u>	PRINTER SN <u>0963584878</u>	DATE OF INSPECTION <u>6-26-13</u>
LOCATION OF INSTRUMENT (STREET AND CITY) <u>600 E Walnut Columbia</u>		TIME OF INSPECTION <u>1910</u>

CHECKLIST: Place a mark in the box by each item if found to be satisfactory or if operating within established limits. (Write in observed values where determined.) Unmarked items must be corrected before using instrument.

☒ DIGITAL READOUT (ALL ELEMENTS OPERATIONAL)

☒ TEMPERATURE OF ALCO SENSOR (10°C - 40°C) 26°C

☒ PRINTER WORKING PROPERLY

☒ TIME AND DATE DISPLAYING PROPERLY

BREATH ALCOHOL ACCURACY STANDARDS

☒ SIMULATOR SOLUTION

☐ COMPRESSED ETHANOL-GAS MIXTURE

☒ STANDARD SUPPLIER Guth Labs LOT # 13010 EXP. DATE 1-9-15

☒ SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0°C SIMULATOR SN SD 2761 SIMULATOR EXP DATE 7-9-12 3

☒ CALIBRATION CHECK - (ONLY ONE STANDARD IS TO BE USED PER MAINTENANCE REPORT)

Run three tests using a standard solution. All three tests must be within ±5% of the standard value and must have a spread of .005 or less. Check the box corresponding to the standard solution being used. (PRINTOUT ATTACHED)

☒ 0.100% STANDARD - MUST READ BETWEEN 0.095% and 0.105% INCLUSIVE

☐ 0.080% STANDARD - MUST READ BETWEEN 0.076% and 0.084% INCLUSIVE

☐ 0.040% STANDARD - MUST READ BETWEEN 0.038% and 0.042% INCLUSIVE

TEST 1 .099

TEST 2 .098

TEST 3 .098

☒ RFI DETECTOR OPERATING

INDICATE THE NUMBER OF BREATH TESTS IN THE FOLLOWING RANGES SINCE THE LAST MAINTENANCE REPORT:  
(DO NOT INCLUDE SELF-ADMINISTERED TESTS)

REFUSALS | (0-.04) 0 | (.05-.09) 1 | (.10-.14) 3 | (.15-.19) 1 | (OVER .19) 1

List any new parts and describe any alteration or modification that was made to restore the instrument to operate satisfactorily and within established limits (use other side if necessary).

INSPECTING OFFICER

SIGNATURE

TYPE II PERMIT NUMBER/EXPIRATION DATE

PRINT NAME

TELEPHONE NUMBER

Return completed report to the: Breath Alcohol Program, MO Department of Health and Senior Services, Southeast District Office  
2875 James Boulevard  
Poplar Bluff, MO 63901



## GUTH LABORATORIES, INC.

690 NORTH 67th STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-584-6470

### CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 13010 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on January 14, 2013, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1218% (w/vol) ethyl alcohol. The expiration date for this lot number is January 9, 2015 at 11:59 PM.

When used in a calibrated Simulator, operating at 34°C +/- .2°C, this solution will give a breath alcohol analysis instrument reading of 0.100 g/210L +/- 3%.

The alcohol and water used in this solution were free of test interfering substances.

Ted L. Pauley, President  
GUTH LABORATORIES, INC.

***NIST Traceability:***

*Testing was conducted using Cerilliant Reference Standard lot number FN122211-02 whose values are traceable to NIST.*

*All balances are calibrated annually by an outside agency using NIST traceable weights. Calibration verification is done prior to each use utilizing NIST traceable weights.*

AS 10 Serial no 697402  
Version no 694C

TEST RETARD 6795

Test  
Time Date Time 2101

At Blank  
06/26/13 19:14 .000  
Calibration Check  
27 06/26/13 19:14 .000

Subject Name

Test

Subject I.D.

Operator Name I.D.

Turner 1985

Location

CPD

AS 10 Serial no 697402  
Version no 694C

TEST RETARD 6796

Test  
Time Date Time 2101

At Blank  
06/26/13 19:14 .000  
Calibration Check  
26 06/26/13 19:14 .000

Subject Name

Test

Subject I.D.

Operator Name I.D.

Turner 1985

Location

CPD

AS 10 Serial no 697402  
Version no 694C

TEST RETARD 6796

Test  
Time Date Time 2101

At Blank  
12 06/26/13 19:15

Subject Name

Test

Subject I.D.

Operator Name I.D.

Turner 1985

Location

CPD

AS 10 Serial no 697402  
Version no 694C

TEST RETARD 6796

Test  
Time Date Time 2101

At Blank  
06/26/13 19:11 .000  
Calibration Check  
27 06/26/13 19:11 .000

Subject Name

test

Subject I.D.

Operator Name I.D.

Turner 1985

Location

CPD